OSD-JS Environmental Workshop
25-27 July 2006
Environmental Considerations In Military Operations

Mr. William A.J. Mackie, JS/J-4 ED

Chain of Command

President

SecDef

Chairman JCS

Combatant Commands

- **Gen Jones** — US European Command
- **ADM Keating** — US Northern Command
- **GEN Craddock** — US Southern Command
- **GEN Abizaid** — US Central Command
- **ADM Fallon** — US Pacific Command

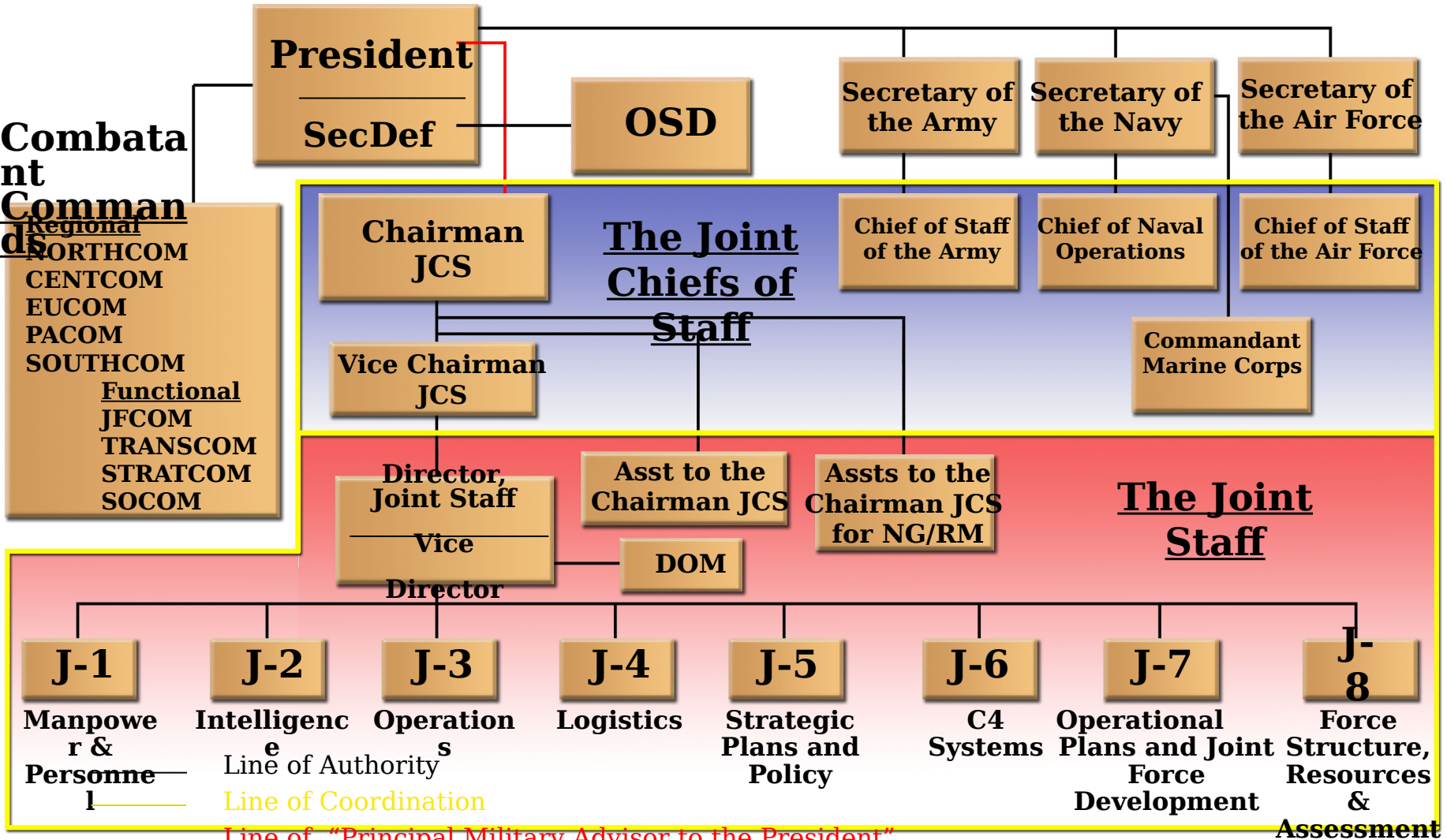
Functional Commands

- **GEN Smith** — US Joint Forces Command
- **GEN Brown** — US Special Operations Command
- **Gen Schwartz** — US Transportation Command
- **Gen Cartwright** — US Strategic Command

Line of Authority

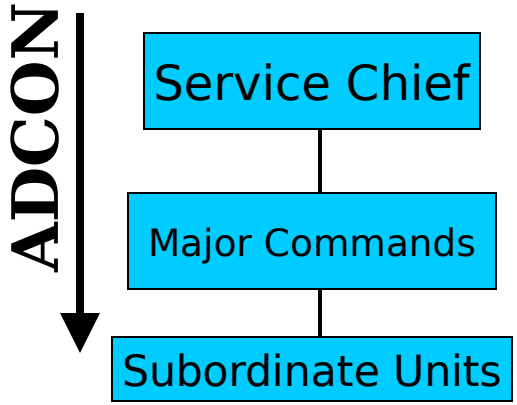
Line of Coordination

US Military Structure



Administrative Control

Administrative Control (ADCON) *is not a combatant command authority*. It describes the command and control Service Chiefs exercise in the execution of their Title 10 authority to train, equip and maintain. **ADCON may be delegated to and exercised by commanders of Service forces assigned to a combatant commander** at any echelon **at or below the level of Service component command**. ADCON is subject to the command authority of combatant commanders.



ADCON includes:

- control of resources/equipment
- personnel management
- unit logistics
- individual and unit training
- readiness
- mobilization
- demobilization
- discipline

Joint Engineer Mission Statement

- **J-4 ED: *Optimize joint force readiness by shaping, transforming and integrating operational engineering capabilities in the Joint Environment to maximize the Joint Force Commander's freedom of action.***
  - *Advise CJCS and Joint Staff* **on engineer issues involving Combatant Commands, Services, DoD Agencies, Allies and Interagency partners.**
  - *Support Combatant Commanders* **and Services in:**
    - **Current operations, engineering readiness, and capabilities**
    - **Joint engineering interoperability**
    - **Exercise-related and operationally-focused construction**
    - **Power projection infrastructure**
      - **MILCON in support of military operations**
      - **Base Realignment and Closure**
      - **Environmental concerns**
  - *Facilitate Transformation* **through the *Joint Operational Engineering Board (JOEB)***

Role of the Joint Staff in Environmental Considerations

- **Joint Staff, Combatant Commands & Environmental Considerations**
  - **Identifying/Preventing Contingency Show Stoppers**
  - **Consistent Overseas Component Compliance**
- **Prepare Strategic Plans and Policy (J-5)**
- **Develop Operational Plans (J-7), Match with Sufficient Resources (J-8)**
- **Execute Operations and Exercises (J-3)**

Role of the Joint Staff in Environmental Considerations (Cont)

Supported by

- **Intelligence (J-2), Logistics (J-4); Command, Control, Communications, and Computer Systems (J-6)**
- **To Include Legal Counsel (LC), Legislative Assistance (LA), and Public Information (PA)**
- **And, Most Important of All, our**

People (J-1): Military ***and*** Civilians

Engineering Division (J4-ED)

Director for Logistics J4
LTG "Chris"

Engineering Division
CAPT Michael Peek

The Joint Staff Engineers (J4E
The Pentagon, Room 2E621
Washington, DC 20318-4000
FAX (703) 571-0678
DSN Prefix Equivalents:
571=671; 614=224; 697=2

Lt Col Jay Glascock
(USAF)

PACOM
TRANSCOM
COCMD Construction
- ERC
- HNFC
- MILCON

Global Posture
- Master Plans
- BRAC

JOEB Capabilities WG

CDR John White
(USN)

SOUTHCOM
NORTHCOM
STRATCOM
Security Engineering
- AT/FP
- CIP

Detainee Facilities
– GTMO
– OIF/OEF

Jt Engr Doctrine
JOEB Doctrine & Training WG

Mr. Bill Mackie
(Civilian)

DEPUTY DIV CHIEF
EUCOM
NATO Security Investment Program
Environmental
– Planning
– Doctrine
– Encroachment
– Range Management
Payment-in-kind/ Residual Value
JOEB

LTC Zac West
(Army)

CENTCOM
JFCOM
SOCOM
Engr Unit Sourcing
JQRR
- Bridging
- Breaching
- ADR

Expeditionary Basing
JOEB Interoperability WG

Mr. Dwayne Lacewell
(Contractor, USA Ret.)

JOEB Support
– Executive Secretariat
– Interoperability
– Capabilities
– Transformation
– Doctrine & Training
JOEB Website
Joint Engineer Vision

Requirements - Guidance

Where does environmental guidance come from?

- **US Law/Domestic Standards**
- **Executive Orders**
- **DOD**
  - **Policies: Combatant Command, and DoD Component**
- **Host Nation Law - *Respect***
- **International agreements**
- **Overseas Environmental Baseline Guidance Document (OEBGD)**
  - **Final Governing Standards (FGS)**

Requirements - Guidance

- **Exec. Order 12088, *Federal Compliance with Pollution Control Standards*, 13 Oct 78**
- **DODD 4715.1E, Environment, Safety, and Occupational Health, 19 Mar 05**
- **DODI 4715.5, *Management of Environmental Compliance at Overseas Installations*, 22 Apr 96**
- **DODI 4715.8, Environmental Remediation for DoD Activities Overseas, 2 Feb 98**
- **Combatant Command and DoD Component Policy**
- **International Agreements**
- **OEBGD and FGS**

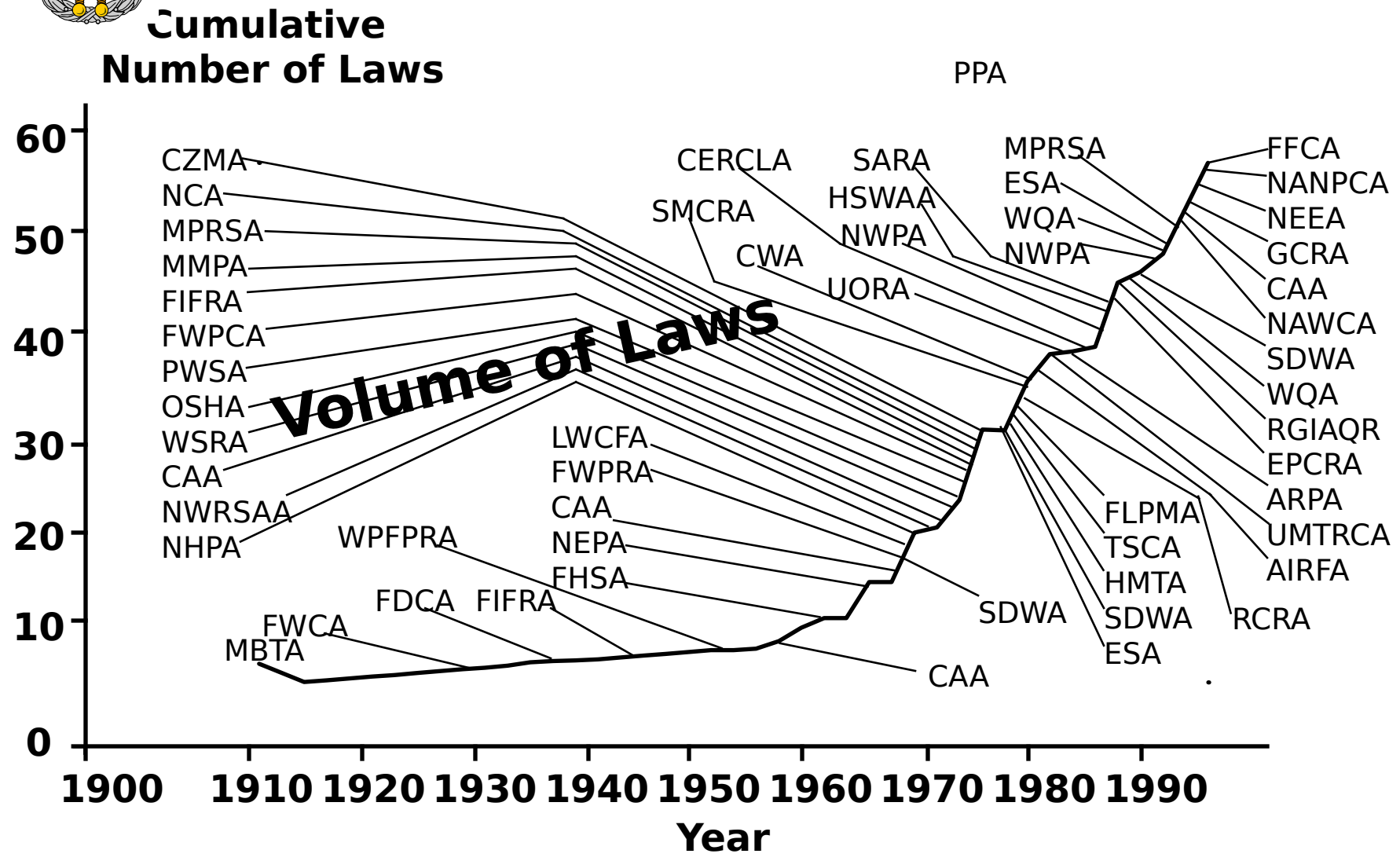
Requirements - Guidance

- **OEBGD: Establishes minimum environmental protection standards applicable to DoD installations and facilities overseas**
  - **Generally accepted standards that apply to DoD installations and actions in the US & Includes requirements of US laws that apply overseas**
  - **Must be reviewed as needed (at least every two years)**
- **Final Governing Standards (FGS): Apply to all DoD Components present in host nation & must be revalidated and updated on a periodic basis (at least every two years)**
- **Where no FGS exist, DoD components comply with international agreements, applicable host nation environmental control standards of general applicability, and the OEBGD**
- **Some facilities & activities not subject to OEBGD/FGS requirements**
  - **Military Vessels and Aircraft**
  - **Off-Installation Training and Deployments**

Challenges to Compliance

Diversity of Operations

Challenges to Compliance



Challenges to Compliance

General Approach:

- **Balance: Defense of nations must not be jeopardized through overzealous protection of environment**
- **Consistent Application of Requirements: To the best of its ability, consistent with its mission, the military sector should adhere to the same rules as the civilian sector**
- **Working with Local Authorities:**
  - **Seek coordinated solutions to problems in common**
  - **Establish mutual support agreements to respond to environmental/other emergencies**

Planning

- **Enhances mission accomplishment while achieving environmental protection**
  - **Need solid environmental baseline surveys prior to and at the end of military operations & exercises**
  - **Use reliable intelligence sources available for planning**
- **Reduces Logistics Footprint**
- **Reduces Complexity, Risk, and Liability**
- **Integral Part of Joint (JP4-04 & JP3-34) and Service Doctrine**

Planning

- **Guided by Laws and Regulations**
  - **Federal, State, Local, Defense, Services**
- **Shaped by Doctrine**
  - **JP 4-04, JP 3-34, Services**
- **Aided by Manuals and Training Documents**
  - **DoD, Services, Other such as Intelligence Sources**
- **Important Part of Planning Documents**
  - **Annex L, Environmental Considerations; Exercise Plans**
- **Executed by our Most Valuable Resource**

PEOPLE

Planning

Annex L – Environmental Considerations Checklist

- Participating nations
- Host nation laws
- Water – potable, other
- Wastewater
- Hazardous materials
- Hazardous waste
- Solid waste
- Petroleum/lubricants
- Noise
- Air Quality
- Archeological & cultural resources
- Threatened/endangered wildlife
- Natural resources
- PCBs, asbestos, lead paint
- Spill prevention & spill response
- Human health & safety (also addressed in Annex Q)
- Socio-Economic impacts

Deployments

Deployment Considerations:

- International agreements
- FGS/OEBGD (maybe)
- Environmental Annex to OPLAN or OPORDER

  - Annex L, Environmental Considerations
- DoD, Combatant Command, and DoD Component Policies
- Baseline surveys
  - Use intelligence sources to max extent possible
  - Often hindered by hostile actions during military operations

Deployments

Operational Environmental "Lessons Learn

- Commanders' involvement
- Designated action office
- Intensive staff coordination
- Effective communications
- Continuing unit/personnel awareness
- Ensure military, civilian, and contract personnel are adequately trained and understand their specific responsibilities
- Knowledge of country

The End...

Questions?